

# Study Guide for Quiz—Plate Tectonics Activities 3 and 5

## I. Activity 3

### A. Earth's layers

#### 1. Label each layer on a diagram

- crust
- mantle
- outer core
- inner core

#### 2. Describe each layer

- crust
- mantle
- outer core
- inner core

### B. Convection currents

#### 1. Recognize diagram

#### 2. Explain how they may cause plate movement

## C. Activity 5

### A. Evidence for continental drift

1. Puzzle-fit of continents
2. Fossil clues
3. Climate clues
4. Rock clues

### B. Breakup of Pangaea

1. Sequence diagrams from earliest to the present day